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SOURCE Borba.

EXPAND HYDROELECTRIC POWER PLANTS,
EQUIPMENT FACTORIES

TO PRODUCE 300 TYPES OF GENERATORS -- Zagreb, Borba, 15 Jul 51

Zagreb, 14 July -- The administrative council of the "Rade Koncar" Electric Equipment Factory has adopted a suggestion of the factory's technical council to effect standardization of generators produced by the enterprise. Planning has begun in this direction, taking into account special local conditions for electrification in various parts of Yugoslavia. Plans are to be completed by the end of 1951; the "Rade Koncar" Factory will be able to accept orders by the beginning of 1952.

About 300 generators ranging from 10 to 5,000 kilovolt-amperes will be produced, in addition to special large generators.

The "Rade Koncar" Factory will also produce other electrical machinery needed for individual types of generators. The factory will deliver complete electric power plants except for the prime movers.

In addition to a large number of small generators, the factory has built two 24,000-kilovolt-ampere generators for the hydroelectric power plants in Mariborski Otok and Vuzenica, and contracted to build a 44,000-kilovolt-ampere generator for the Mavrovo Hydroelectric Power Plant. By 1952, purchasers will receive delivery 6 to 7 months after ordering.

A technical catalogue of the factory's products is being compiled for Yugoslav and foreign purchasers.

"RADE KONCAR" ELECTRIC EQUIPMENT FACTORY TO BUILD NEW LABORATORY -- Zagreb, Borba, 10 Jul 51

Zagreb, 9 July -- In July, the "Rade Koncar" Electric Equipment Factory will begin construction of a modern laboratory for testing high-powered generators being built for Yugoslav hydroelectric power plants. To be built at the same time is shop "E" of the factory, where the high-powered generators will be produced. Both will be completed by the end of 1951.

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The new laboratory will cost about 5 million dinars, and will be provided with modern equipment and instruments, the majority of Yugoslavia manufacture.

NEW METHOD OF PRODUCING PELTON TURBINE WHEELS -- Zagreb, Borba, 14 Jul 51

Ljubljana, 13 July -- It has been customary in producing wheels for the Pelton turbine to cast the flange and shaft of the wheel in one piece and add the parabolic buckets later.

Designers in the "Litostroj" Heavy Machinery Factory have decided to cast the flange, shaft, and buckets in one piece; the first such wheel has been cast in bronze for the Savica Hydroelectric Power Plant. The casting was successful although very complicated, and the wheel is being finished in the "Litostroj" assembly shop. When finished, the wheel will be mounted on one of the turbines already on hand.

If this method of casting turbine wheels proves to be satisfactory, the "Litostroj" Factory intends definitely to adopt it.

REBUILD, MODERNIZE "FALA" HYDROELECTRIC POWER PLANT -- Zagreb, Borba, 22 Jul 51

Maribor, 21 July -- The "Fala Hydroelectric Power Plant, put in operation in 1918 and the oldest power plant in Yugoslavia, is completely rearranging and modernizing all its equipment and generator installations.

The first step in the modernization of this plant was taken in 1947 with the construction of a dam which increased the daily production of electric power 500,000 kilowatt-hours. Recently, one part of the former generator equipment was rebuilt and the voltage increased from 80,000 to 110,000 volts. A new transformer was also installed and the plant directly connected with the electric power systems of Slovenia and part of Croatia.

Plans have already been worked out and material prepared for rebuilding and modernizing the remaining equipment to raise its voltage in 1951 from 80,000 to 110,000 volts.

PESOCANI HYDROELECTRIC POWER PLANT NEAR COMPLETION -- Zagreb, Borba, 14 Jul 51

Bitolj, 13 July -- The hydroelectric power plant in Pesocani will be the second to be put in operation in Macedonia. All parts for the plant were made in the "Rade Koncar," "Litostroj," and "Franc Leskosek" factories.

Work has been speeded on construction work, pipe assembly, and electric installations. Within the next week, the concrete of the last 30 meters of the canal in tunnel No 1 will be poured. About 650 meters of water pipe of a total of 870 have been assembled, and electric installations and transformers are being assembled.

Delivery of the control panels, assembly of which will require 10 days, is being awaited at the building site. If the panels arrive on time the plant will be put in operation 2 August.

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